

ABSTRACT OF THE DISCLOSURE

The power budgeter controls the rate of data flow in one or more transceivers among a plurality of transceivers. The power budgeter monitors aggregate transceiver activity (data flow) during a predefined period, and limits transceiver data transmit and receive rates during times when the aggregate transceiver activity would otherwise exceed a predefined threshold. If total data flow during the monitored time period exceeds the threshold, data flow through the active transceiver during the next (second) time period is limited. Data flow rates are limited in a transceiver by shutting off transceivers (receiver and/or transmitter) for a specified portion of the second time period. In other types of transceivers, the transmitter and/or receiver may be forced into a low-power idle state or similar operating condition for a specified portion of the second predefined time period.

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